

Erie County Lean Six Sigma Overview



What is Lean Six Sigma?

***LEAN SIX SIGMA IS SIMPLY A
PROCESS-IMPROVEMENT METHOD
FOR REDUCING VARIABILITY AND
ELIMINATING WASTE***



Why Lean Six Sigma?

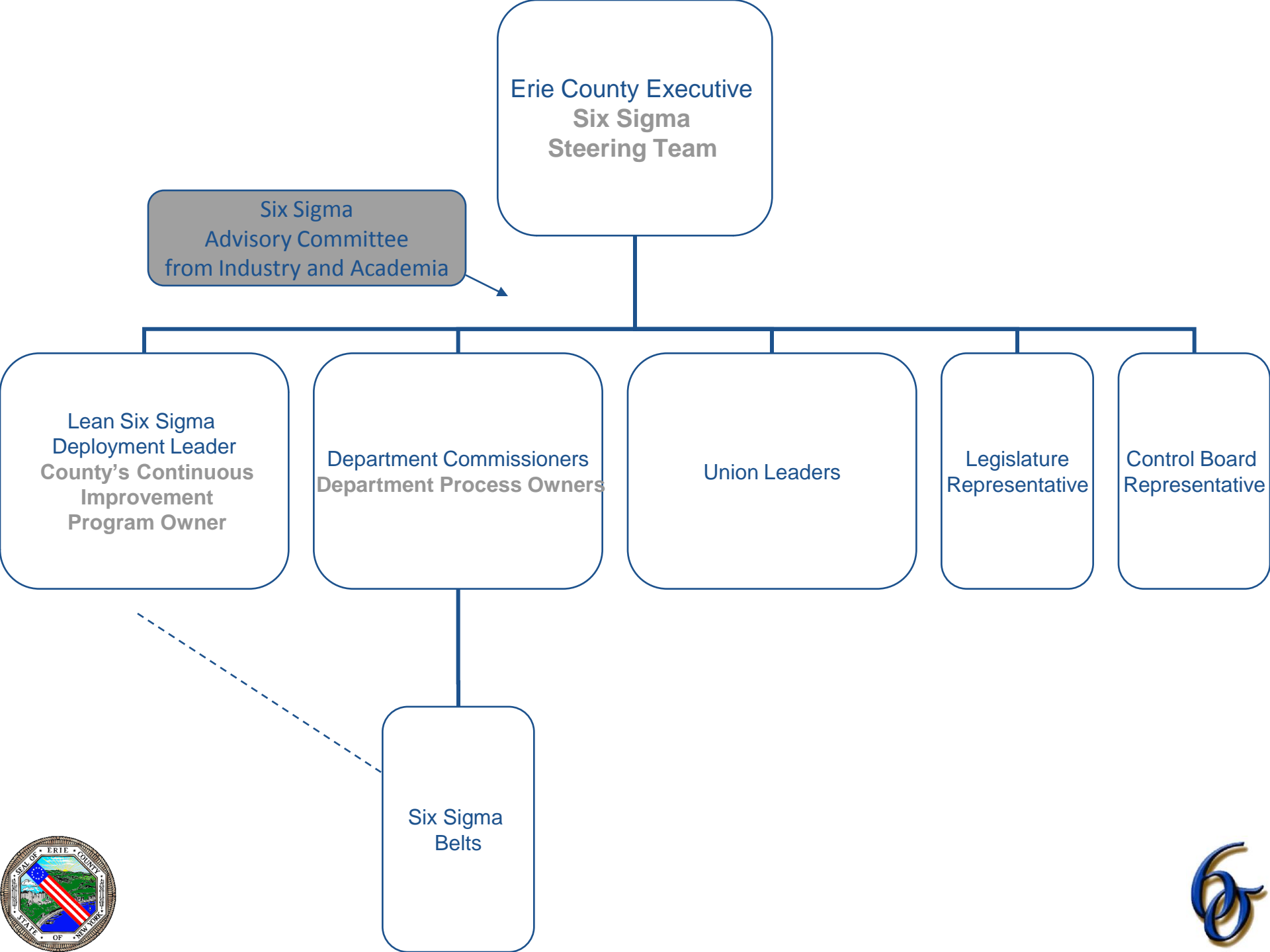
***“Learning Faster Than Your
Competitor
May Be The Only Sustainable
Competitive Advantage”***



Why Lean Six Sigma?

- ❖ **Collaborative Learning**
- ❖ **Continuous Quality Improvement**
- ❖ **“By Sharing, We All Gain”**





Define	Measure	Analyze	Improve	Control
<ul style="list-style-type: none">■ Problem■ Opportunity■ Goal■ Benefits■ Process Flow■ Customer	<ul style="list-style-type: none">■ Baseline Data■ Detailed process flow■ Value added activities	<ul style="list-style-type: none">■ Data■ Root causes■ Statistics■ Opportunities for improvement	<ul style="list-style-type: none">■ Select improvements■ Implement solutions	<ul style="list-style-type: none">■ Develop procedures■ Train personnel■ Transition to process owner■ Monitor performance

The high level timeline for Six Sigma deployment within Erie County government

Start 1Q '08	1Q-2Q '08	3Q-4Q '08	2009	2010-2011
<ul style="list-style-type: none"> •Benchmark Ft. Wayne city gov't •Assess County organizational readiness (union buy-in) •Assess baseline and set goals for improvement of customer, cost, revenue and efficiency metrics •Communicate Six Sigma vision 	<ul style="list-style-type: none"> •Train leadership •Establish Steering Committee •Select Lean Green Belts(GB),begin training for GB Wave 1.0 •Kick-off high probability success projects •Reap initial quick wins 	<ul style="list-style-type: none"> •Complete initial round GB Wave 1.0 Training, commence GB Wave 2.0. •Complete initial projects, certify results. • Implement strategy to monitor and improve performance •Pilot Yellow Belts(YB) •Develop Cultural Change model – deploy to Commissioners 	<ul style="list-style-type: none"> •Enhance YB program •Deploy Cultural Change across County with survey • Complete GB Wave 2.0 projects. •Start GB Wave 1.1 •Start GB Wave 3.0 projects(several projects cross departments) •Complete GB Wave 2.0 •Complete GB Wave 1.1 •Monitor via Steering Committee, raise bar on execution and impact •Start GB Wave 4.0 	<ul style="list-style-type: none"> •Establish Lean Black Belt training •Complete GB Wave 4.0 projects •Achieve minimum 1 BB in all significant departments. •Continue rolling GB Waves 2.1, 1.2, 3.1, etc. •Re survey for Culture Change • Add Green Belts • Expand Elected Officials •Erie County recognized as the first Six Sigma Community in the United States

Countywide Training

Lean Six Sigma Overview

- ❖ **250 Employees**
- ❖ **4 Hours of Training**

Lean Six Sigma Champion

- ❖ **18 – 20 Commissioners/ Dept. Heads**
- ❖ **16 Hours of Training**

Greenbelts

- ❖ **27 Employees Trained**
- ❖ **72 Hours of Classroom Training**



Lean Six Sigma Advisory Committee

- ❖ **Mark Celmer:** Insource Healthcare Solutions, LLC, President
- ❖ **Ken Kota:** Carlton Technologies General Manager/BB
- ❖ **Ronald Lee:** DuPont, Plant Manager
- ❖ **John Lupienski:** ASQ, MBB
- ❖ **Larry Mazuchowski:** HSBC, Senior VP/BB
- ❖ **Joe McNamara,** ITT Heat Transfer, P.E.
- ❖ **Bob Meisel:** Canisius, MBB
- ❖ **Tom Miller:** UB, The Center for Industrial Effectiveness/MBB
- ❖ **Sharon Pietras:** VA Western NY Healthcare System
- ❖ **Harvey Stenger:** UB, Dean School of Engineering & Applied Sciences
- ❖ **John Webb:** Moog, Global Process Development Manager/BB
- ❖ **Mark Zelasko:** Erie Comm. College, Corporate Training



Other Six Sigma Links

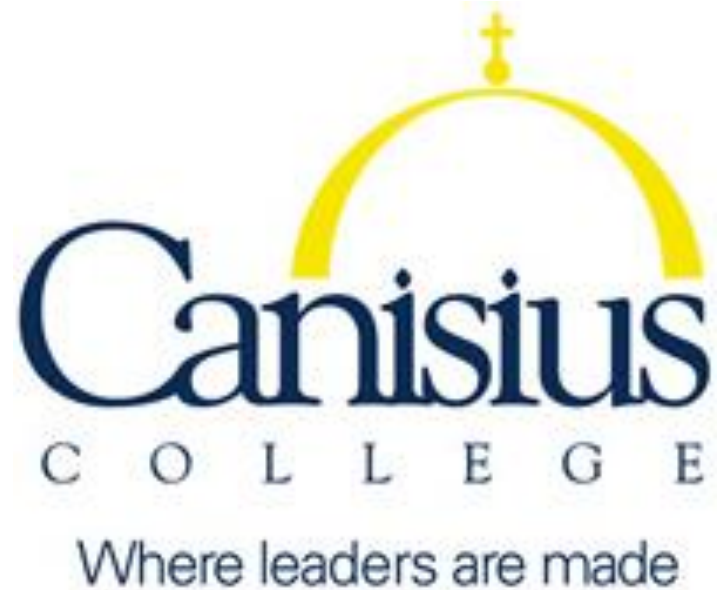


❖ <http://www.tcie.buffalo.edu/services/advservices.htm>

❖ <http://www.isixsigma.com>



Other Six Sigma Links



❖ <http://www.canisius.edu/cpd/lean.asp>

